

CHASE SUPPLY CONTRACT

The Military Sealift Command (MSC) requires sampling materials and testing equipment to support the Command's fuel oil and used lube oil analysis testing programs. The Contractor shall provide lube and fuel oil sampling bottles including prepaid express mailers, shipboard fuel oil and lube oil testing equipment, and shipboard lube oil and fuel oil handling equipment (including petroleum absorbent materials) to MSC ships and any other ships specifically designated by MSC during the term of this contract.

The current requirements contract to Chase Supply Inc., consists of a one-year base period with four one-year option periods. A requirements contract provides for filling all actual purchase requirements of designated Government activities for supplies or services during a specified contract period. Deliveries or performance are to be scheduled by placing orders with the Contractor via MSC ordering office. Chase Supply is a small business HUB Zone company.

The Contractor shall provide the following products. Products shall be ordered through technical direction letters (TDL).

New and Used Lube Oil Sample Bottle Kits:

The 4 oz and 8 oz sample bottles shall be constructed of clear plastic and shall not collapse when subjected to a minimum of four (4) inches Hg vacuum. The 12 oz bottle can be made of plastic either clear or opaque. However, it must withstand the same vacuum criteria as the 4 and 8 oz bottles. All 4 oz sample bottle kits shall be provided with a shipping container to hold a minimum of 20 sample bottles. Each sample bottle shall be double wrapped (container within a container with absorbent material). The 8 oz sample bottles shall be provided with a shipping container to hold a minimum of 10 sample bottles. Each sample bottle shall be double wrapped (container within a container with absorbent material). The 12 oz special sample bottle shall be provided with individual shipping container.

Product Code	Sample Bottle Kits
CS4Z-SBK	4 oz Sample Bottle Kit
CS8Z-SBK	8 oz Sample Bottle Kit
CS12Z-SBK	12 oz Sample Bottle Kit
CSF-SBK	Fuel Oil Sample Kit
CS-SBLK	Sample Bottle Label Kits

Fuel Oil Sample Bottle Kits:

The Contractor shall provide a minimum of 750-milliliter fuel oil sample bottles kits suitable for taking and transporting via commercial express and U.S. Government mail carriers. Each sample kit will contain three (3) sample bottles with serialized locking caps, a shipping container for each sample bottle meeting the requirements for both U.S. and International mail carriers, one (1) preaddressed, prepaid commercial express mailer and one (1) prepaid United States Postal Service (USPS) priority mailer for each sample bottle provided. These kits will be available for procurement upon expiration of Chemical Supply contract.

Lube Oil Sample Shipping Containers and Express Mailers:

The Contractor shall provide shipping containers, one (1) prepaid, preaddressed commercial express mailer and one (1) USPS priority mailer in each lube oil sample bottle kit. Contractor shall provide preaddressed and prepaid mailing labels for shipment of samples to the MSC contracted oil testing laboratory.

Lube Oil Sample Bottle Labels:

The Contractor shall provide Avery Paper number 5163 or equivalent in sufficient quantities so that there is a self-adhesive label for each sample bottle provided for in each sample bottle.

Shipboard Lube Oil Sampling Devices:

The Contractor shall provide carbon steel and stainless steel lube oil sample devices as specified below.

Product Code	NPT Series Sample Port
TP-TCM20-02NPTS	Sample Port 1/8 in male NPT (ss)
TP-TCM20-04NPTS	Sample Port 1/4 in male NPT (ss)
	Sample Port Adapters
TP-DGA20-1/4-BRB	Adapter Barb for 1/4 in OD Tube
TP-DGA20-5/16-BRB	Adapter Barb for 5/16 in OD Tube
TP-DGA20-1/2-BRB	Adapter Barb for 1/2 in OD Tube
	Micro-bore Test Hose
TP-HFF20-012	Micro-bore 12 in
TP-HFF20-024	Micro-bore 24 in
TP-HFF20-036	Micro-bore 36 in
TP-HFF20-048	Micro-bore 48 in
TP-HFF20-060	Micro-bore 60 in
TP-HFF20-072	Micro-bore 72 in
TP-HFF20-096	Micro-bore 96 in
TP-HFF20-120	Micro-bore 120 in
	Pilot Tube Sample Ports (Male NPT)
PTCMU12SST	Pilot Tube 1/4 in (ss) 12 in
PTCMU18SST	Pilot Tube 1/4 in (ss) 18 in
PTCMU24SST	Pilot Tube 1/4 in (ss) 24 in
PTCMU12SSP	Pilot Port 1/4 in (ss) 12 in
PTCMU18SSP	Pilot Port 1/4 in (ss) 18 in
PTCMU24SSP	Pilot Port 1/4 in (ss) 24 in
PTCMF12SST	Fixed Tube 1/4 in (ss) 12 in
PTCMF18SST	Fixed Tube 1/4 in (ss) 18 in
PTCMF24SST	Fixed Tube 1/4 in (ss) 24 in
PTCMF12SSP	Pilot Fixed 1/4 in (ss) 12 in
PTCMF18SSP	Pilot Fixed 1/4 in (ss) 18 in
PTCMF24SSP	Pilot Fixed 1/4 in (ss) 24 in
	Liquid Level Gauge Oil Sampler
LGST040412SS	Level Gauge 12 in
LGST060418SS	Level Gauge 18 in
LGST080424SS	Level Gauge 24 in
	Spacer Flange Sampling Ports

AS08SS	1/2" Spacer Flange
AS12SS	3/4" spacer flange
AS16SS	1" spacer flange
AS20SS	1-1/4" spacer flange
AS24SS	1-1/2" spacer flange
AS32SS	2" spacer flange
AS40SS	2-1/2" spacer flange
	Catch Pipe Sampling Ports
20NPTSS	1-1/4 NPT Catch Pipe
20WLDSS	1-1/4 NPT Catch Pipe
24NPTSS	1-1/2 NPT Catch Pipe
24WLDSS	1-1/2 weldable Catch Pipe
32NPTSS	2" NPT Catch Pipe
32WLDSS	2" weldable Catch Pipe
40NPTSS	2-1/2" NPT Catch Pipe
40WLDSS	2-1/2" weldable Catch Pipe
48NPTSS	3" NPT Catch Pipe
48WLDSS	3" weldable Catch Pipe
	KP Series Sample Port
KP18N	Sampling Valve, Push Button, 1/8" NPTF
KP14N	Sampling Valve, Push Button, 1/4" NPTF
KP716U	Sampling Valve, Push Button, 7/16" UNF
KP916U	Sampling Valve, Push Button, 9/16" UNF
KPR14NV	Sampling Valve, Push Button, 1/4" NPTF SS 316 external
KP4PT	Push Button Threaded Barb
KPQ14N	Sampling Valve, Push Button, 1/4" NPTF, Nickel Plate

Fluid Sampling Pump Kit:

The Contractor shall provide a fluid sampling kit that has a standard manual vacuum pump, a sample port adapter that connects to the various sampling ports. The kit shall contain a minimum of one 500 milliliter flushing bottle that attaches to the vacuum pump, approximately 30 meters of sampling hose that can be attached to the vacuum pump, and sample port adapters that can be attached to both the sampling hose and the various sampling ports. Additionally, the vacuum pump shall be of such a design that all sampling bottles, required in this Contract, can be attached to the vacuum pump. The sampling pump kit shall be placed in a container that is clearly marked as "Fluid Sample Pump Kit" and shall meet all commercial Express Mail and USPS and International Post Office requirements for shipment.

SHIPBOARD TEST KITS:

The Contractor shall provide shipboard lube and fuel oil test equipment that is capable of testing for Total Base Number, water content, viscosity of both residual fuel oil and lube oil, density of both distillate fuel and lube oil, compatibility of fuels both residual and distillate, and insolubles. The Contractor shall provide all

components, reagents and chemicals used in conducting the shipboard tests. Each test kit shall include an illustrated instruction manual, which describes how to conduct each test.

Shipboard Test Kit Specifications are as follows:

1. **Lube Oil Test Center:** The shipboard lube oil test equipment shall be capable of conducting the following tests:
 - a. Viscosity
 - b. Total Base Number
 - c. Water content
 - d. Insolubles

Kittiwake Oil Test Center

Product Code	Description
FG-K1-100-KW-A	Kittiwake Oil Test Center
	Kittiwake Maintenance (Refurbishment and Calibration)
AS-K1-110	Kittiwake Unheated Viscometer
AS-K1-101-V3	Kittiwake Main Control Unit
FG-K2-004-KW	Kittiwake OTC Reagent Pack
AS-K1-104	Kittiwake Water-in-oil Test Cell
AS-K1-106	Kittiwake TBN Test Cell
AS-K1-107	Kittiwake Insoluble Test Cell
FG-K2-001-KW	Kittiwake Water-in-oil Reagent Pack
FG-K2-002-KW	Kittiwake TBN Reagent Pack
FG-K2-003-KW	Kittiwake Insoluble Reagent Pack

Combomar Fuel and Lube Oil Tester

Product Code	Description
1AA2464	Viscometer (Heated)
	Density Meter Heavy Fuels
TBN-WATER CELL	TBN Cell
	Water Cell
LOVIBOND	Insoluble
TEST-TBN	Reagent for TBN
TEST-WATER	Reagent for Water
TEST-INSOLUBLES	Reagent for Insoluble
	Compatibility Meter

2. **Fuel Oil Test Equipment:** The shipboard fuel oil testing equipment shall include, at a minimum, a density meter and compatibility tester conforming to the following minimum requirements:
 - a. Combomar Compatibility Meter - This is the approved compatibility tester for fuels.

- b. Anton Paar Model DMA 35N Petrol – This is the approved density tester for fuel and lube oils.
3. All test kits shall also include step-by-step instructions with illustrations showing how to conduct all tests required above.

Shipboard Test Equipment Service and Training Service Ports:

The Contractor shall provide reagents, replacement test equipment, and repair parts/ consumables for all shipboard test equipment listed in the requirement to Continental US (CONUS) and Non-US (Non-CONUS) ports listed below. The Contractor shall also provide technical service support and training for all shipboard test equipment. All products, consumables, and replacement test equipment shall be fixed priced for these ports.

SERVICE PORTS	
City/Location	State/Country
Earle	NJ
Baltimore	MD
Norfolk	VA
Charleston	SC
Jacksonville	FL
Port Canaveral	
New Orleans	LA
San Diego	CA
Portland	OR
Everett	WA
Honolulu,	HI
Guam	USA
Sasebo	JP
Singapore	RS
Fujairah	UAE
Rota	SP
Augusta Bay	IT

Test Kit Calibration:

It is anticipated that Shipboard Test Equipment will require routine calibration during the duration of the contract at the Contractor's facility. The cost of routine calibration shall be included in this product item. In the event that equipment is damaged and cannot be calibrated, the Government will provide further guidance and shall consider repair cost on a reimbursable basis.

Electronic Lube Oil Logs:

The Contractor shall receive and store all electronic shipboard Test Equipment Result Monthly Logs for the duration of the contract.

SHIPBOARD LUBE OIL HANDLING EQUIPMENT:

The Contractor shall provide the following shipboard lube and fuel oil handling equipment for the purpose of maintaining the cleanliness of new and used oil.

- 1. Lube Oil Filter Carts:** The Contractor shall provide a filter cart with the following salient characteristics: $\frac{3}{4}$ hp, geared pump, minimum pumping rate of 10 GPM, 115V, 10-12 AMP, single phase motor. Maximum of 25 PSI by-pass in both filters, 10 micron water absorbing filter (spin-on), 3 micron synthetic glass filter (spin-on), 50 foot electric cord, 12 foot wire reinforced PVC Hose with 3 foot metal wands with a maximum of a 1" suction and $\frac{3}{4}$ " discharge hose. The pump discharge shall have approximately 60 PSI relief setting. Each filter shall have a differential pressure gage with a mid-range reading of 20-30 PSI. Minimum full range reading on the gages shall be 0-70 PSI.

Product Code	Description
NEF11-603M-V-603AQ-V-50CS-V	Lube Oil Filter Cart (for oils with viscosity up to 100 cSt @ 40C)
NEF11-U-10054-U-10053-50C	Lube Oil Filter Cart with Viton O-Rings (for Fyrquel 220 MLT oil only)
603M	10 micron Water Absorbing Filter
603AQ	3 micron Glass Filter

- 2. New Oil Handling Equipment:** The Contractor shall provide 2 liter, 3 liter, 5 liter, and 10 liter "Oil Safe Product" drums or equivalent made of durable, high impact resistant plastic containers with spouts, nozzles, yellow, red, blue, green, purple, black, and orange colors lids. Drum openings and lids shall be interchangeable. In addition, the Contractor shall provide "Oil Safe Pumps" or equivalent to be used in conjunction with the impact resistant drums.

Product Code	Storage Lid	Product Code	Storage Lid
31872	Storage Lid Yellow	31901	Stretch Spout Purple
31881	Storage Lid Red	31899	Stretch Spout Black
31882	Storage Lid Blue	31900	Stretch Spout Orange
31883	Storage Lid Green		Drums
31887	Storage Lid Purple	31877	Oil Safe Drum 2 Liter
31885	Storage Lid Black	31878	Oil Safe Drum 3 liter
31886	Storage Lid Orange	31879	Oil Safe Drum 5 liter
	Utility Lid	31880	Oil Safe Drum 10 Liter
31873	Utility lid Yellow	31874	Oil Safe Pump
31888	Utility lid Red	31875	Spout Hose Extensions
31889	Utility lid Blue		Buna-N o-ring seals
31890	Utility lid Green		Color Labels
31894	Utility lid Purple	CS-DCL-YELLOW	Label Yellow
31892	Utility lid Black	CS-DCL-RED	Label Red
31893	Utility lid Orange	CS-DCL-BLUE	Label Blue
	Stretch Spout Lid	CS-DCL-GREEN	Label Green
31871	Stretch Spout Yellow	CS-DCL-PURPLE	Label Purple
31895	Stretch Spout Red	CS-DCL-BLACK	Label Black
31896	Stretch Spout Blue	CS-DCL-ORANGE	Label Orange
31897	Stretch Spout Green		

3. Oil Absorbent Materials:

The Contractor shall provide Oil-Dri or equivalent oil absorbent wipes and towels, minor oil spill kits, high traffic absorbent rug, heavy weight bonded oil absorbent oil pads, and super absorbent concentrate floor absorbent (20 #) pails.

Product Code	Oil-Dri Absorbent
L90851	Oil Absorbent Pads 200 (16" X 20")
I05000-L80	Concentrate Floor Absorbent 20#
L90951G	Oil Absorbent Towel Red (625 towels)
L90861	Oil Absorbent Industrial Rug
L90853	Oil Absorbent Pads 50 30" X 40"
L90430	Oil Absorbent Marine Pak (oil Only)
L90420	Oil Ship Spill Kit

4. Portable Lube Oil Container:

The Contractor shall provide 1000 liter galvanized or stainless steel reinforced PVC containers that shall have an opening on the top with a minimum diameter of 6 inches. There shall also be a drain valve located on the bottom of the container that will allow for the complete draining of the container. The container shall be capable of being moved around the ship via a standard 6 ton forklift and shall also have a minimum of four lifting points to allow the container to be safely lifted to and from the ship with a full liquid load of 1000 liters approximately 3600 Kilograms via crane.

5. Used Lube Oil, Air and Fuel Oil Filter Waste Containers:

The Contractor shall provide used lube oil, air, and fuel oil filter containers for the disposal of filters to a shore side disposal facility. The containers shall be Questar NOVA, Galaxy (flap Top), Starbox 2000, Starbox 2400, and HazBox, or equivalent.

Product Code	Hazardous Waste Containers
POST 1000	Portable Oil Storage Tank (1000 liter)
EDFHAZBOX	Triple Wall Hazmat Box #2000
EDFAZBOXK	Hazmat Box with pallet
EDFSTARBOX2400	Triple Wall Hazmat Box #2400
EDCGALAXY1	One Cu Yd Waste Bag
EDCNOVA1	1.6 Cu Yd Waste Bag
EDF104NOUN	Fluorescent Lamp Hazmat Box 48 in

6. New Products Listing:

These products had not been identified at the time of the original solicitation. However, they have since been identified as necessary to support the needs of the MSC fleet.

Product Code	Description
	Sampling and Testing Materials
	Aqua Cleaner
	O Ring
	Flow Stick
	Oil Sample Tubing - 100 ft.
	Maintenance Materials
CSNF-043008	Phosphate Ester Filter Cart Filter - 12 micron (for Fyrquel 220 MLT oils only)
CSNF-043009	Phosphate Ester Filter Cart Filter - 3 micron (for Fyrquel 220 MLT oils only)
EDCPLUTO	55 gal. Yard Waste Bag Flap Top

Notes:

Only products and services listed above are available and must be procured through this contract. It is our intent to make available to our shipboard and ashore personnel the scope and limitations of this lube oil handling equipment contract with Chase Supply Inc. In addition, we would like to obtain feedback, comments, and suggestions for the improvement of delivery of these products and services to our fleet. If there is a need to include other lube oil handling equipment materials or products not presently available in this contract or if you have technical inquiries with regards to Chase Supply products, kindly provide request directly at edgardo.guevara@navy.mil or at 202-685-5730 (Commercial) or 325-5730 (DSN). For ordering lubricants and services, please use the updated Chase Supply order form for your convenience provided separately.